

CLAIMS

What is claimed is:

1. A method to filter a plurality of multimedia streams of a presentation comprising:
 - receiving user profile information describing user preferences;
 - receiving the plurality of multimedia streams including metadata describing each of the plurality of multimedia streams; and
 - filtering the plurality of multimedia streams to select a multimedia stream based on the metadata and the user profile information.
2. The method of claim 1 wherein the metadata describes characteristics of the plurality of multimedia streams.
3. The method of claim 1 wherein the metadata describes relationships of the plurality of multimedia streams.
4. The method of claim 1 wherein the selected multimedia stream is selected from the group consisting of an audio stream, a video stream, a graphics stream, a data stream, a simulated audio stream, a simulated video stream, and a simulated data stream.
5. The method of claim 1 further comprising:
 - generating a simulated multimedia stream associated with the selected multimedia stream; and
 - integrating the simulated multimedia into the selected multimedia stream.
6. The method of claim 5 wherein the integrating is performed after the filtering.
7. The method of claim 5 wherein the integrating is performed before the filtering.

8. The method of claim 1 further comprising:
presenting the selected multimedia stream to a display component.
9. The method of claim 1 further comprising:
transferring the selected multimedia stream to a data store.
10. The method of claim 1 wherein the user profile information is delivered via a viewer control.
11. The method of claim 1 wherein the presentation is selected from the group consisting of a sporting event, a concert, a movie, a television program, and a play.
12. The method of claim 1 wherein a subset of the plurality of multimedia streams are transmitted each from a plurality of broadcast cameras.
13. A filtering apparatus comprising:
a filter component to select a multimedia stream from a plurality of multimedia streams based on metadata and a user profile information.
14. The apparatus of claim 13 further comprising:
a display component to present the selected multimedia stream to a viewer.
15. The apparatus of claim 13 further comprising:
a data store to store the selected multimedia stream.
16. The apparatus of claim 13 further comprising:
a digital TV broadcast media from which the filter component receives the plurality of multimedia streams.
17. The apparatus of claim 13 wherein the filter apparatus is integrated into a system from the group consisting of a digital TV receiver, a set top box, and a personal computer.

18. The apparatus of claim 13 wherein the plurality of multimedia streams are selected from the group consisting of an audio stream, a video stream, a graphics stream, a data stream, a simulated audio stream, a simulated video stream, and a simulated data stream.
19. The apparatus of claim 13 further comprising:
a simulation server to generate and integrate simulated multimedia into the selected multimedia stream.
20. The apparatus of claim 13 further comprising:
a simulation server to generate and integrate simulated multimedia into the plurality of multimedia streams.
21. The apparatus of claim 13 further comprising:
a viewer control to provide user profile information to the filter component.
22. The apparatus of claim 21 wherein the viewer control selected from the group consisting of a television remote control and a graphical user interface.
23. A machine-readable medium having executable instructions to cause a machine to perform a method comprising:
receiving user profile information describing user preferences;
receiving a plurality of multimedia streams of a presentation including metadata describing each of the plurality of multimedia streams;
and
filtering the plurality of multimedia streams to select a multimedia stream based on the metadata and the user profile information.
24. The machine-readable medium of claim 23 wherein the metadata describes characteristics of the plurality of multimedia streams.

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- 25. The machine-readable medium of claim 23 wherein the metadata describes relationships of the plurality of multimedia streams.
- 26. The machine-readable medium of claim 23 wherein the selected multimedia stream is selected from the group consisting of an audio stream, a video stream, a graphics stream, a data stream, a simulated audio stream, a simulated video stream, and a simulated data stream.
- 27. The machine-readable medium of claim 23 further comprising: generating a simulated multimedia stream associated with the selected multimedia stream; and integrating the simulated multimedia into the selected multimedia stream.
- 28. The machine-readable medium of claim 27 wherein the integrating is performed after the filtering.
- 29. The machine-readable medium of claim 27 wherein the integrating is performed before the filtering.
- 30. The machine-readable medium of claim 23 further comprising: presenting the selected multimedia stream to a display component.
- 31. The machine-readable medium of claim 23 further comprising: transferring the selected multimedia stream to a data store.
- 32. The machine-readable medium of claim 23 wherein the user profile information is delivered via a viewer control.
- 33. The machine-readable medium of claim 23 wherein the presentation is selected from the group consisting of a sporting event, a concert, a movie, a television program, and a play.

34. The machine-readable medium of claim 23 wherein a subset of the plurality of multimedia streams are transmitted each from a plurality of broadcast cameras.

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